

CLAIMS

1 1. A method for creating a data file using a programming
2 development environment on a computer system, said method
3 comprising the steps of:

4 building a program in said development environment to
5 represent said data file;

6 compiling the program in said development environment
7 into a software executable; and

8 running the executable to generate the data file.

1 2. The method of claim 1 whereby the program is built by
2 linking a plurality of development components

1 3. The method of claim 2 whereby at least one component
2 comprises characteristic data file information

1 4. The method of claim 3 whereby, on running the
2 executable, at least one compiled component outputs its
3 respective data file information into the data file.

1 5. The method of claim 4 whereby, on running the
2 executable, at least one compiled component creates a file
3 output stream and writes its respective data file
4 information to the output stream.

1 6. The method of claim 4 whereby, on running the
2 executable, at least one compiled component causes another

652029 "235450

sub
C

3 component to output its respective data file information
4 into the data file.

1 7. The method of claim 2 wherein at least one development
2 component comprises a graphical icon for a visual
3 development graphical user interface.

1 8. The method of claim 2 wherein the development
2 components are Java beans.

1 9. The method of claim 2 wherein the development
2 components comprise a main component and a sub-component.

1 10. The method of claim 9 wherein the main development
2 component represents a form.

1 11. The method of claim 10 wherein the sub-component
2 represents a text field on the form.

1 12. The method of claim 2 whereby the program is compiled
2 by generating an executable component from each development
3 component and linking the executable components together.

1 13. The method of claim 12 whereby, on running a first
2 executable component, data file information from the first
3 executable is output before running the next and subsequent
4 executable components.

663027 2965460

20. The system of claim 19 whereby at least one component comprises characteristic data file information

1 21. The system of claim 20 whereby, on running the
2 executable, at least one compiled component outputs its
3 respective data file information into the data file.

1 22. The system of claim 21 whereby, on running the
2 executable, at least one compiled component creates a file
3 output stream and writes its respective data file
4 information to the output stream.

1 23. The system of claim 21 whereby, on running the
2 executable, at least one compiled component causes another
3 component to output its respective data file information
4 into the data file.

1 24. The system of claim 19 wherein at least one development
2 component comprises a graphical icon for a visual
3 development graphical user interface.

1 25. The system of claim 19 wherein the development
2 components are Java beans.

1 26. The system of claim 19 wherein the development
2 components comprise a main component and a sub-component.

1 27. The system of claim 26 wherein the main development
2 component represents a form.

663027 " 2625450

1 28. The system of claim 27 wherein the sub-component
2 represents a text field on the form.

1 29. The system of claim 19 whereby the program is compiled
2 by generating an executable component from each development
3 component and linking the executable components together.

1 30. The system of claim 29 whereby, on running a first
2 executable component, data file information from the first
3 executable is output before running the next and subsequent
4 executable components.

1 31. The system of claim 18, wherein the data file comprises
2 mark-up information.

1 32. The system of claim 31, wherein the mark-up information
2 comprises XML.

1 33. The system of claim 18 wherein the data file is for
2 interpretation by a third party computer system.

1 34. The system of claim 33 wherein the third party computer
2 system comprises a dialogue management system for a computer
3 telephony system.

1 35. A computer program product ~~comprising computer program~~
2 ~~code stored on a computer readable storage medium for,~~

3 creating a data file using a programming development
4 ~~environment, said computer program product comprising:~~
5 means for building a program in said development
6 environment to represent said data file;
7 ³ means for compiling the program in said development
8 ^{9/13} environment into a software executable; and
9 means for running the executable to generate the data
10 file.

0945292-1202560